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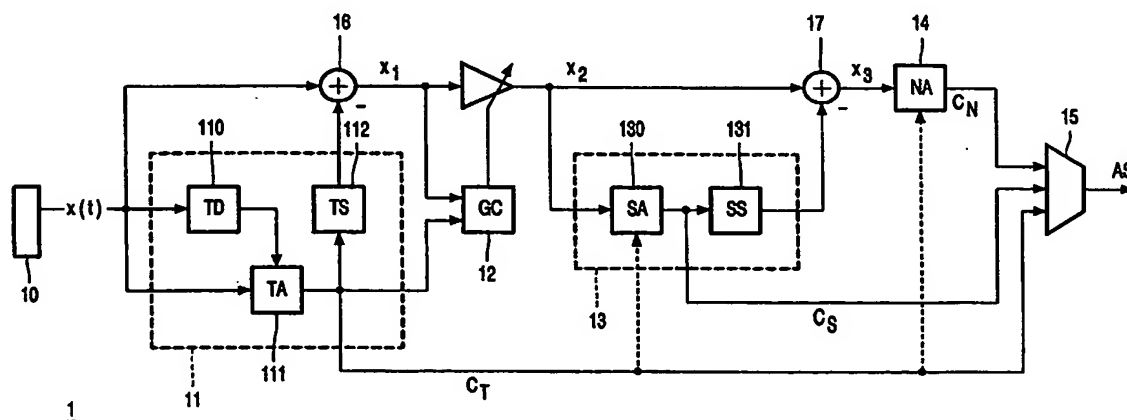
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(54) Title: **SINUSOIDAL AUDIO CODING WITH PHASE UPDATES**



(57) Abstract: Coding of an audio signal (x) represented by a respective set of sampled signal values for each of a plurality of sequential segments is disclosed. The sampled signal values are analyzed (130) to generate one or more sinusoidal components (f_k, f_{k-1}) for each of the plurality of sequential segments. Sinusoidal codes (CS) comprising tracks of linked sinusoidal components (f_k, f_{k-1}) are generated (13) and phase update information (Φ_k, Δ_k) indicative of the phase value of selected sinusoidal components in a track is determined. An encoded audio stream (AS) including said sinusoidal codes (CS) and said phase update information (Φ_k, Δ_k) is then generated (15).